

Amendment to the Claims:

This listing of claims will replace all prior versions, and listing of claims in the application:

Listing of Claims:

Claims 1-19 (Canceled).

20. (Currently Amended) A method of respiratory therapy comprising the steps of:

providing a pressure-assisted breathing system having a pressure-generating circuit and a respiratory circuit adapted to be coupled to a patient interface device;;

providing the respiratory pressure-generating circuit with having a lower higher volume flow of gas than the **pressure-generating respiratory circuit**;

coupling the patient interface device to the patient's respiratory system;; and

introducing an aerosolized medicament **only** into the lower volume flow of gas in the respiratory circuit to deliver the medicament to the patient's respiratory system.

21. (Original) A method according to claim 20 wherein the aerosolized medicament is introduced by a vibrating aperture-type nebulizer coupled to the respiratory circuit.

22. (Original) A method according to claim 21 wherein the nebulizer comprises a reservoir having a capacity equal to one unit dose of medicament and substantially all of the contents of the reservoir is delivered to the patient's respiratory system without the need to replenish the reservoir.

23. (Original) A method according to claim 22 wherein the dose is 4 ml or less of medicament.

24. (Currently Amended) A method of delivering a surfactant medicament to a patient's respiratory system which comprises the steps of:

providing a **CPAP pressure-assisted breathing** system having a pressure-generating circuit **with a first high volume gas flow for maintaining continuous positive airway pressure in the system**, a respiratory circuit **supplying a second low volume gas flow coupled** to a patient interface device and a vibrating aperture-type nebulizer coupled to the respiratory circuit;

introducing a liquid surfactant into the nebulizer;

aerosolizing the surfactant in the nebulizer ; and
entraining the aerosolized surfactant into the second low volume gas flow of the
respiratory circuit, whereby the patient breathes the aerosolized surfactant through the patient
interface device.

25. (Original) The method of claim 24 wherein the surfactant is a phospholipid.
26. (Original) The method of claim 24 wherein 6-18% of the aerosolized surfactant is delivered to the patient.
27. (Original) The method of claim 24 wherein one unit dose of medicament is introduced into the nebulizer and the entire dose is delivered to the patient.
28. (Original) The method of claim 24 wherein the dose is equal to 10 mg or less of surfactant.